

National Film Archive of India

Ministry of Information and Broadcasting

Government of India

Corrigendum for RFP for Digitization of Film Content at National Film Archive of India. Ref, RFP: 302 / 53 / 2017 - NFHM

Attention is invited to the Advertisement on All India basis inviting response to the Request for Proposal for Digitization of Film Content at NFAI, Pune. The said RFP was also uploaded on the NFAI's website (www.nfaipune.gov.in) and Procurement website of Government of India (<https://eprocure.gov.in/cppp/>)

This document covers the changes and additional information with reference to the pre-bid queries raised by the various Bidders. A document covering the response to the queries raised by various Bidder is prepared separately and will be uploaded on the NFAI website. This Corrigendum shall be construed as a part of the RFP and it shall be the responsibility of the Bidder to read carefully and understand the changes / additions mentioned in this Corrigendum.

The rest of the content as mentioned in the RFP shall remain unchanged.

Sd/-

Shri. Santosh Ajmera,

Officer on Special Duty, NFHM

1 The table below mentions the revised dates related to the RFP schedule:

Sr. No	Particulars	Remarks
1.	Last date for submission of RFP response	8 th May 2017; upto 3 PM
2.	Opening of Technical Proposal	8 th May 2017; 4 PM

2 Note:

- 1 The Bidder is expected to refer to various reference material for Digitization, which include “Federal Agencies Digitization Guidelines Initiatives” (Link is placed in the RFP document), Kodak Manual for Chemical (http://www.kodak.com/kodakgcm/motion/support/people_and_planet/product_use/film_cleaning_solvents/default.htm) to be used during digitization process, FIAF Guidelines and other relevant necessary documents
- 2 The purpose of Digitization is to make some of the Filmic Material available in digital format for preservation and access purposes (The digitized final output) and rest of the content to be utilized for restoration purpose which would be handed over to implementing agencies for restoration purpose. Therefore, while undertaking Digitization work, the Bidder has to factor in this aspect and accordingly technical process to be used / adopted which may suit NFAI requirement

3 Pre-Qualification

The Organization / Agency fulfilling the following Pre-Qualification criteria only needs to submit their responses. Only the organizations / agencies fully satisfying the Pre-Qualification criteria shall be considered for further evaluation. The Pre-Qualification criteria shall be as mentioned below:

#	Eligibility Criteria	Document Proof
1	A Single Entity / a Consortium of entities is allowed where each entity should be registered as per the relevant Act in India or globally. In case of a Consortium, the Prime Bidder should be registered in India. The Prime Bidder should have relevant experience in the field of Film (motion picture) Digitization.	<ol style="list-style-type: none">a. Copy of Certificate of Incorporation or equivalent,b. A duly notarized / registered Memorandum of Understanding signed between Prime Bidder and all the consortium members <p><i>Note: MOU should clearly mention detailed roles and responsibilities of</i></p>

#	Eligibility Criteria	Document Proof
	<p>Note:</p> <ol style="list-style-type: none"> 1 The consortium cannot be more than 3 members (including Prime Bidder) 2 All members of the consortium should be jointly and severally liable for execution of the work. 	<p><i>the Prime Bidder and its Consortium members.</i></p>
2	<p>A Single Entity / any member of consortium should have a minimum 5 Years of experience in undertaking the work related to Film (both Picture and Sound) Digitization (Acetate, Polyester and Nitrate) as on date of submission of the RFP.</p>	<ol style="list-style-type: none"> a. Work orders / completion certificate (wherever available) in the name of the bidder showing work experience of past 5 years and above (Counting backwards from 31st March 2017) b. Work order should clearly state start date of the project and should be signed by the issuing authority. c. Work orders from sister organization and/or parent organizations and/or group organizations/companies shall not be considered. However, in case of Work Orders related to in-house work where the Bidders owns the Copyright and must have carried out the work related to digitization, they have to submit the following documents to the satisfaction of Technical Evaluation Committee:

#	Eligibility Criteria	Document Proof
		<ul style="list-style-type: none"> - Certified Auditor or Company Secretary certifying the claim of the Bidder of have undertaken the said digitization work. This certification should have the list of films and clearly indicating the number of hours of the digitization work. - The Technical Evaluation Committee must be satisfied with the actual claim and reserves the final decision in this regard <p>d. Bidder should also submit the list of the all Indian films that have been digitized / scanned by the bidder / any member of the consortium till date, which needs to be provided on the letter head which is duly signed and stamped by the authorized representative</p> <p>Note:</p> <ul style="list-style-type: none"> i. For each work order, a Project citation format as per Annexure 11.9 (as per RFP) needs to be submitted ii. NFAI reserves all rights to verify the authenticity of the work orders at

#	Eligibility Criteria	Document Proof
		<p>any point of time and in case if any of the work orders are found to be forged or non-genuine, the Bidder shall be liable for rejection / termination of contract followed by their blacklisting</p>
3	<p>A Single Entity / any member of consortium should have a minimum turnover of Rs 25 Crore in each of the last three financial years (FY 2015-16, 2014-15 and 2013-14)</p>	<p>a. A letter (on the letter head) from the practicing Chartered Accountant duly signed & stamped and clearly mentioning the turnover details for a Single Entity / all members of the Consortium (in case of consortium) each year in the last three financial years (FY 2016-15, 2015-14 and 2014-13).</p> <p>b. Copy of the audited Profit and Loss Statement for Single Entity / all the members of the consortium including Prime Bidder (in case of consortium) for each of the last three financial years (FY 2016-15, 2015-14 and 2014-13).</p>
4	<p>A Single Entity / all members of consortium should not be blacklisted by any State Govt. or Central Govt. department and organization in India or abroad as on date of submission of this bid</p>	<p>Self - Certification by the prime bidder and all members of the consortium on their letter head duly signed by the authorized signatory mentioning that the Bidder should not have been blacklisted by any State Govt. or</p>

#	Eligibility Criteria	Document Proof
		Central Govt. department and organization in India or abroad as on date of submission of this bid.
5	A Single Entity / Consortium should collectively have a minimum 20 nos. of necessary technical manpower with prior relevant experience of carrying out similar work. The bidder shall distinctly showcase separate teams with CVs for picture and sound scanning of various types of films (Acetate, Polyester and Nitrate)	<p>a. Certificate from the HR head / company secretary of the prime bidder and members of the consortium with the name and experience related details of the technical manpower.</p> <p>b. The CV of the technical manpower resources should be provided as per Annexure 11.14</p>
6	In the last five years, the Single Entity / Consortium should collectively have undertaken Picture Scanning for atleast 2,000 hours of film content and Sound Scanning for atleast 2,000 hours of film content in the last five financial years (FY 2016-15, 2015-14, 2014-13, 2013-12, 2012-11)	<p>a. Work order / Completion certificate for the works carried out clearly specifying the work undertaken</p> <p>b. The list of all the films that have been digitized by the Bidder needs to be provided. Separate list for Picture and Sound scanning should be provided</p> <p>c. Undertaking on the letter head mentioning number of hours and supported by work orders (clearly indicating the work carried out)</p>
7	The Single Entity / any member of consortium should submit the Manufacturers Authorization Form	MAF as per the format enclosed in Corrigendum of the RFP

#	Eligibility Criteria	Document Proof
	(MAF) for all scanners they are to commission at NFAI	

4 Manufacturers Authorization Form (MAF) (Annexure – 11.12 of RFP)

(This form has to be provided by the OEMs of the products proposed)

Letter No. _____

Date: _____

To,

Officer on Special Duty,

National Film Heritage Mission,

National Film Archive of India,

Law College Road,

Pune – 411 004.

Subject: OEM Authorization Letter

Ref: RFP from NFAI Ref: RFP: 302 / 53 / 2017 - NFHM dated 21st March 2017

Dear Sir:

We who are established and reputable manufacturers / producers of _____ having factories / development facilities at (address of factory / facility) do hereby authorize M/s _____ (Name and address of Bidder / Prime Bidder) to submit a Bid, and sign the contract with you against the above Bid Invitation.

We hereby extend our full guarantee and warranty for the Solution, Products and Services offered by the above firm against this Bid Invitation.

We also undertake to provide any or all of the following materials, notifications, and information pertaining to the Products manufactured or distributed by the Supplier:

- a. Such Products as the Employer may opt to purchase from the Supplier, provided, that this option shall not relieve the Supplier of any warranty obligations under the Contract; and
- b. In the event of termination of production of such Products:
 - i. Advance notification to the Employer of the pending termination, in sufficient time to permit the Employer to procure needed requirements; and
 - ii. Following such termination, furnishing at no cost to the Employer, operations manuals, standards, source codes (wherever applicable) and specifications of the Products, if requested.

We duly authorize the said bidder / prime bidder to act on our behalf in fulfilling all installations, Technical support and maintenance obligations required by the contract.

Yours faithfully,

(Name)

(Name of Producers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. The Bidder in its Bid should include it in original.

5 Commercial Bid Format (table)

#	Line Item	Per minute rate (Unit rate in INR)	Number of units (film reel minutes)	Total
A	B	C	D	E = C X D
1.	Ultrasonic Cleaning of the films		4,30,000	
2.	Scanning of the films (Picture) – Dry gate (please refer the note as well)			
2.1	8 mm – 2K		5,000	
2.2	16 mm – 2K		55,500	
2.3	35 mm – 2K		3,67,000	
2.4	70 mm – 2K		2,500	
2.5	35 mm – 4K		3,67,000	
2.6	70 mm – 4K		2,500	
3.	Scanning of the films (Picture) – Wet gate (please refer the note as well)			
3.1	8 mm – 2K		5,000	

#	Line Item	Per minute rate (Unit rate in INR)	Number of units (film reel minutes)	Total
A	B	C	D	E = C X D
3.2	16 mm – 2K		55,500	
3.3	35 mm – 2K		3,67,000	
3.4	70 mm – 2K		2,500	
3.5	35 mm – 4K		3,67,000	
3.6	70 mm – 4K		2,500	
4.	Scanning of the films (Sound)		4,30,000	
5.	Audio Video Cataloguing		2,30,000	
6.	Color Correction		2,30,000	
7.	Indexing and Cataloguing work		4,30,000 (2,345 feature films and 2,768 short films)	

#	Line Item	Per minute rate (Unit rate in INR)	Number of units (film reel minutes)	Total
A	B	C	D	E = C X D
8.	Knowledge Sharing Session		All expenses paid trip for 10 officials	
9.	Annual Maintenance Contract (AMC) for the Scanners per scanner	3 Year (Post project period)	Per scanner deployed for the work at NFAI (After the project period)	
10.	Scanning at 8K (as per prevailing industry practice)		1,500	
Total in figures				
Total in words				

Note:

- i. This rate per unit shall be considered for commercial calculation to be paid to the selected Bidder

- ii. The payment to the Bidder shall be made on the actual work performed by the Selected Bidder as per the quoted unit rates
- iii. For the payment related to point 6 above, the payment will be based on the actual visit of the number of officials as approved by the Government of India.
- iv. **For calculation of the Commercial Score of qualifying Bidders, 50% of Wet Gate scanning and 50% of Dry gate scanning and 50% film reel minutes of 4K and 50% film reel minutes of 2K shall be considered. And, rates for 'Scanning at 8K' shall not be considered for commercial calculations for arriving at the Commercial Score of qualifying Bidders. However, the Bidders are requested to fill in all the details as per the Commercial Bid Format, else shall be liable for rejection.**
- v. Annual Maintenance Contract (AMC) shall only start after the end of the digitization work as prescribed in the RFP and may be extended by NFAI if necessary
- vi. These rates shall be effective and valid throughout the contract period
- vii. The units mentioned above are only indicative and meant for bidding purposes. Payment shall be made on the actual units of work done and confirmed by NFAI.
- viii. NFAI, at its sole discretion, may decide to delete/ remove any of the above mentioned items from the scope of the work any time during the course of bidding and/or execution of works
- ix. Additionally, the Bidder has to provide scanner details as per the format below and shall be separately provided in the Commercial bid. The Cost of the Scanner shall be used in calculating the depreciation value:

Sr. No	Model of the Scanner	Make of the Scanner	Month, Year of Manufacture and Month, Year of Import	Cost (inclusive of all applicable taxes)
			Month, Year of Manufacture: Month, Year of Import:	

6 Scope of Work

Final Output (to be read after section 5.9 Handover of the films to NFAI of the RFP)

As already mentioned, nearly half of the content would be submitted to the agencies which would be carrying out the restoration work for NFAI, whereas, the rest of the content would be kept in digitized format for preservation and access purposes.

Therefore, the bidder has to copy the content suitably on relevant medium as provided by NFAI in following formats:

- 1 For Preservation purposes: The digitized output in .DPX format and Sound output in .WAV format to be stored on deep archival solutions viz. LTO 7, Blu Ray based deep archival solution, any other suitable mediums, in various suitable archival formats.
In this regard, NFAI would give the medium of storage where as the Bidder shall be required to make the multiple preservation copies as per NFAI's requirement. This would be communicated at the time of actual implementation in consultation with the selected Bidder.
- 2 Access Copy: As most of the content would only be digitized, the Bidder shall be required to carry out necessary color correction, Picture and Sound sync, subtitling work and any other related work in order to create multiple access copies viz. DCP (with / without KDM), HD (720p), MPEG 4, etc. on the suitable disc based mediums, LTO 7 tapes, Hard Disks, Cloud etc. The Medium would be provided by NFAI, whereas the Bidder shall be required to make the multiple access copies as per NFAI's requirement and having necessary NFAI watermark wherever applicable. This would be communicated at the time of actual implementation in consultation with the selected Bidder.
In case of subtitling, NFAI shall provide the subtitling in various languages, and the Bidder is responsible for its suitable embedding.
- 3 Reference Copy: The Bidder is also expected to provide HD (min 720p) married (Picture and Sound) that shall work as the reference copy for internal office purposes and/or restoration work in future.

The Bidder is required to carry out Audio Video-Cataloguing for films which will be digitized only and not going for restoration work. The tentative quantum is mentioned in the commercial format.

The Bidder has to factor in the costing for creation of multiple copies in desired formats in Commercial Bid Format as provided and any additional cost towards this shall not be entertained by NFAI.

Note:

1. The film material could be Prints, Negatives, Interpositive or dupe negatives.
2. The Bidder has to arrange and possess valid certifications, clearances etc. for the handling and transportation of various equipment's, chemicals, and hazardous materials necessary for conducting the above mentioned work. NFAI shall not be responsible for claim pertaining to unauthorized usage and, transportation of chemical and hazardous materials.
3. The Bidder has to identify best source material before undertaking activity for digitization
4. Numbers are indicative in nature and subject to change
5. The Bidder Handling Nitrate Films should have necessary equipment's and experienced persons to handle Nitrate base films.
6. The Bidder should take all required safety measures to handle Nitrate Films.

Note: As part of the assessment, the bidder is expected to segregate the films in different categories based on their quality status and the technique to be used for digitization (2K / 4K / 8K). This categorization shall be discussed with NFAI. Further works shall be carried out post approval of NFAI on the categorization.

7 About Scanner

The Bidder has to provide the Picture and Sound scanner separately to carry out the best possible scanning work as per international guidelines mentioned in point 1 of this corrigendum.

NFAI intends to carry out True / Native 2K and True / Native 4K for archival films. The Scanner, therefore, has to be capable of scanning for archival films, with various speed as per the requirement of film condition, with wet gate / dry gate capabilities. **The desired output should be True / Native 2K and True / Native 4K without any software / application intervention, over sampling, micro sensing, bayer technology etc.** The Scanner should have the capability for sprocket less scanning. The Bidder has to provide Scanners with Better or Equivalent specifications as mentioned below:

7.1 Technical Specifications – For Picture Scanner

#	Parameter	Specifications
1	Film formats	35 mm 2, 3, 4 - perforation (any perforation with sprocket-less transport), 16 mm and Super 16 mm
2	Imaging device	True 2K / True 4K / Native 6K resolution
3	Illumination	High power LEDs (R, G, B, IR) with long-term stability
4	Optical system	Customized lens with adjustable pitch and Autofocus
5	Resolutions	HD, 2K, 4K, 6K
6	Bit depth	Single exposure: 14-bit Double exposure: true 16-bit
7	Contrast Range	High Dynamic range
8	Film transport	Mechanical / Optical pin registration, pin can be retracted. Fully computerized transport with adjustable parameters

#	Parameter	Specifications
		(speed, ramping, tension), 2 PTRs optional: Sprocket - less Transport
9	Shuttle speed	User adjustable: 0 m/s- 2.0 m/s
10	Data formats	DPX 10-bit log, 16-bit log & 16-bit linear TIFF 16-bit
11	Color calibration	Status M density, printing density, custom matrix, custom LUT, print film
12	Workflow	Customizable EDL importer, Keycode based scanning
13	Reel Handling	<ul style="list-style-type: none"> a. The scanner should be able to handle shrinkage of the films b. Must be able to provide over-scanning capabilities around 25% over - scan of full height 35mm in vertical to facilitate perforation over scanning and film rack bar height variation.

8 Compliance for Picture Scanner

#	Parameter	Specifications	Compliance (Yes / No)	Details of the scanner proposed
1	Film formats	35 mm 2, 3, 4 - perforation (any perforation with sprocket-less transport), 16 mm and Super 16 mm		
2	Imaging device	True 2K / True 4K / Native 6K resolution		
3	Illumination	High power LEDs (R, G, B, IR) with long-term stability		
4	Optical system	Customized lens with adjustable pitch and Autofocus		
5	Resolutions	HD, 2K, 4K, 6K		
6	Bit depth	Single exposure: 14-bit Double exposure: true 16-bit		
7	Contrast Range	High Dynamic range		

#	Parameter	Specifications	Compliance (Yes / No)	Details of the scanner proposed
8	Film transport	Mechanical / Optical pin registration, pin can be retracted. Fully computerized transport with adjustable parameters (speed, ramping, tension), 2 PTRs optional: Sprocket - less Transport		
9	Shuttle speed	User adjustable: 0 m/s- 2.0 m/s		
10	Data formats	DPX 10-bit log, 16-bit log & 16-bit linear TIFF 16-bit		
11	Color calibration	Status M density, printing density, custom matrix, custom LUT, print film		

#	Parameter	Specifications	Compliance (Yes / No)	Details of the scanner proposed
12	Workflow	Customizable EDL importer, Keycode based scanning		
13	Reel Handling	a. The scanner should be able to handle shrinkage of the films b. Must be able to provide over-scanning capabilities around 25% over - scan of full height 35mm in vertical to facilitate perforation over scanning and film rack bar height variation.		

Any other details:

9 Technical Evaluation

The Technical Proposal shall be evaluated based on the following criteria –

#	Evaluation Criteria	Marks
1	<p>Experience and reputation of the bidder</p> <ul style="list-style-type: none"> — Profile of the organization including size of the organization, no. of years of existence, reputation, awards, recognition and certifications — Bidders have to provide the list of Indian films that they have digitized till date 	Max. marks 10
2	<p>Relevant work experience with International Film Archive of Repute</p> <p>Note: Bidders have to provide the Work Order / Completion Certificates to substantiate their experience claim</p> <p>(Additional weightage may be given for total quantum of similar work)</p>	Max. marks: 10
3	<p>Technical equipment's, processes etc. The evaluation shall be done on the basis of the following:</p> <ul style="list-style-type: none"> a. Cataloguing software proposed b. Ultrasonic cleaning machine proposed c. Make and model of the Scanner(s) proposed d. Testimonies / proofs of the proposed Scanner(s) being currently used by international film archive of repute 	Max. marks 20

#	Evaluation Criteria	Marks
	<p>e. Training and Capacity building processes to train NFAI staff on the Scanner(s)</p> <p>f. Technology and infrastructure used for quality check</p> <p>g. Physical and IT & Data security proposed to undertake the work at NFAI in dedicated manner.</p> <p>(Additional weightage will be given for infrastructure set-up, software and facilities with global standard as proposed for the project at NFAI)</p>	
4	<p>Participation contribution of International Knowledge Partner in the project</p> <p>Note: Weightage will be given to the profile of organization, profiles proposed and their onsite availability in the project</p>	Max. marks 10
5	<p>Quality and adequacy of each of the following proposed teams as per the details mentioned in the CVs of the resources:</p> <ul style="list-style-type: none"> a. Project Manager b. Film Cataloguing Team c. Digitization Team d. Quality Check Team <p>Note:</p> <p>In the CVs, it shall be required to mention the details of the relevant work carried out by the</p>	Max. marks 20

#	Evaluation Criteria	Marks
	<p>resources proposed and CV should be as per the format mentioned in Annexure 11.14.</p> <p>Details to be provided as per Annexure 11.13.</p> <p>Additional weightage will be given for profiles who have worked on global projects</p>	
6	<p>Approach and Methodology:</p> <p>The Bidder's presentation would be evaluated on following criteria.</p> <ul style="list-style-type: none"> i. Understanding of the project scope and requirements – 25% weightage ii. Capability and Commitment level towards the project including the timelines - 25% weightage iii. Overall solution proposed covering a case study / Proof of concept, presentation / demonstration – Here the bidder is expected to showcase near to real videos, photos/documentation of the work being carried out by them earlier etc. – 25% weightage <p>Quality Assessment / Quality Checks and adherence to the international standards – 25% weightage</p>	Max. marks 20
7	<p>Actual Work Output</p> <p>Note:</p>	Max. marks 10

#	Evaluation Criteria	Marks
	<ul style="list-style-type: none">• The Bidder shall be given 1 film reel of 2,000 feet and 15 days for them to digitize the same and showcase it to the NFAI officials• The Evaluation shall be based on the output quality of the film reel provided• It shall be expected for the Bidder to mention the processes and scanner details on which the scanning / digitization was carried out• It shall be mandatory for the Bidder (if selected) to use the same type of equipment's, scanners, processes etc. which the Bidder has used for this work• The Scanning work needs to be carried out in presence of NFAI's professional team / NFAI's professional would carry out the scanning work, which shall be considered for comparison purposes. The visit and the work timings shall be communicated based on NFAI's availability.	
